AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A statistic information extraction method comprising:

a first step of setting a table for retrieving a pattern to which a user policy is reflected;

a second step of retrieving the pattern from received packets based on the table; and

a third step of storing statistic information of the pattern retrieved, wherein

the first step sets in a first table a packet type, an error type, and a pattern extraction position within a received packet corresponding to those types, sets in a second table a retrieval pattern corresponding to the pattern extraction position; and

the second step determines that the pattern has been retrieved when a pattern of the received packet is retrieved based on the pattern extraction position, and the retrieved pattern is matched with the retrieval pattern set in the second table.

2. (original) The statistic information extraction method as claimed in claim 1, wherein the first step sets in the table whether or not the received packet should be made a learning object, and the second step adds to the table a pattern unable to be retrieved if the received packet is set as the learning object in the table when the pattern is unable to be retrieved.

3. (cancelled)

4. (currently amended) The statistic information extraction method as claimed in claim [[3]]1,

wherein the first step sets the first and the second table separately, and retrieves both tables in a partially and mutually associated manner.

5. (currently amended) The statistic information extraction method as claimed in claim [[3]]1, wherein only when types of the received packet correspond to both types set in the first table, the second step retrieves, from the second table, a retrieval pattern at the pattern extraction position corresponding to the both types.

6. (original) The statistic information extraction method as claimed in claim 5, wherein the first step sets the packet type and the error type in a hard logic, and the second step retrieves the pattern extraction position from the first table based on the packet type and the error type identified by the hard logic, and further retrieves, from the second table, the retrieval pattern corresponding to the pattern extraction position.

7. (original) The statistic information extraction method as claimed in claim 1, wherein the third step counts the retrieved pattern, and makes the count the statistic information.

8. (currently amended) A statistic information extraction device comprising:

a first means setting a table for retrieving a pattern to which a user policy is reflected;

a second means retrieving the pattern from received packets based on the table; and

a third means storing statistic information of the pattern retrieved, wherein

the first means sets in a first table a packet type, an error type, and a pattern extraction position within a received packet corresponding to those types, sets in a second table a retrieval pattern corresponding to the pattern extraction position; and

the second means determines that the pattern has been retrieved when a pattern of the received packet is retrieved based on the pattern extraction position, and the retrieved pattern is matched with the retrieval pattern set in the second table.

9. (original) The statistic information extraction device as claimed in claim 8, wherein the first means sets in the table whether or not the received packet should be made a learning object, and the second means adds to the table a pattern unable to be retrieved if the received packet is set as the learning object in the table when the pattern is unable to be retrieved.

10. (cancelled)

11. (currently amended) The statistic information extraction device as claimed in claim [[10]]8, wherein the first means sets the first and the second table separately, and retrieves both tables in a partially and mutually associated manner.

12. (currently amended) The statistic information extraction device as claimed in claim [[10]]8, wherein only when types of the received packet correspond to both types set in the first table, the second means retrieves, from the second table, a retrieval pattern at the pattern extraction position corresponding to the both types.

13. (original) The statistic information extraction device as claimed in claim 12, wherein the first means further comprises a hard logic identifying the packet type and the error type, and the second means retrieves the pattern extraction position from the first table based on the packet type and the error type identified by the hard logic, and further retrieves, from the second table, the retrieval pattern corresponding to the pattern extraction position.

14. (original) The statistic information extraction device as claimed in claim 8, wherein the third means counts the retrieved pattern, and makes the count the statistic information.